

# FEDERAL WOMAN'S AWARD

## *News Release*

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The six Government career women who will receive the thirteenth annual Federal Woman's Award were announced today by Mrs. Patricia Reilly Hitt, Assistant Secretary of Health, Education and Welfare, and chairman of the Federal Woman's Award Board of Trustees. The winners, nominated by their agencies and chosen by an independent panel of judges, are being honored for their outstanding contributions to the quality and efficiency of the career service of the Federal Government, for their influence on Government programs, and for personal qualities of leadership, judgment, integrity, and dedication.

The six women selected to receive the Award are:

Mrs. Bernice L. Bernstein, Director, Region II, Department of Health, Education and Welfare.

Dr. Marguerite S. Chang, Research Chemist, Naval Ordnance Systems Command, Department of the Navy.

Miss Janet Hart, Assistant Director, Division of Supervision and Regulation, Board of Governors of the Federal Reserve System.

Dr. Marilyn E. Jacox, Research Chemist, National Bureau of Standards, Department of Commerce.

Dr. Isabella L. Karle, Research Physicist, Office of Naval Research, Department of the Navy.

Mrs. Marjorie R. Townsend, Project Manager, Small Astronomy Satellite, National Aeronautics and Space Administration.

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The winners will receive the Awards at a banquet in their honor on March 6 at the Shoreham Hotel, Washington, D.C. As a public service, Woodward and Lothrop, Inc., of Washington, D.C., defrays all expenses connected with the Federal Woman's Award.

The Federal Woman's Award program is the only one in the Federal Government which is exclusively for women. It is Government-wide and nationwide in scope. It has a threefold purpose: to give public recognition to outstanding career women in Government service, to call public attention to the many kinds of important work that women are doing, and to interest talented young women in pursuing Federal careers.

The Federal Woman's Award was founded in 1960, and the first awards were presented in the spring of 1961. The award program is administered by a Board of Trustees of 12 members located in Washington, D.C. The Board is an independent body having no official connection with the Government.

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**Note to Editors--**

Biographical and career data on each of the Award winners and the names of the five judges for 1973 and the Trustees of the Federal Woman's Award are attached.

Bernice Lotwin Bernstein is an attorney and executive who administers the widespread operations of the Department of Health, Education and Welfare for New York, New Jersey, Puerto Rico, and the Virgin Islands, an area with a population of about 30 million. As Director of HEW's Region II, she has achieved a high degree of coordination and cooperation among Federal and local governments and voluntary agencies concerned with the complex problems of health, education, and welfare. She has been Director of Region II since 1966 and presently is the only woman regional director in HEW.

Mrs. Bernstein began her Federal career in 1933 as Principal Attorney of the National Recovery Administration. Except for a 5-year period from 1942-1947, she has been associated with the Department of Health, Education and Welfare and its predecessor agencies since 1935. In 1935-1938 she was Assistant Counsel, Social Security Board, during which time she designed and drafted a model State unemployment insurance act on which most States have based their unemployment insurance legislation. In 1938 she was Assistant General Counsel, Federal Security Agency.

Mrs. Bernstein left HEW to become Associate General Counsel, War Manpower Commission, in 1942 and was named Assistant Solicitor, Department of Labor, in 1945. She returned to the Department of Health, Education and Welfare in 1947 as chief legal officer for departmental programs in the New York Regional Office, a position she held until her appointment as Director of Region II.

Mrs. Bernstein has played a leading role in the activities of the New York Federal Executive Board, Federal Business Association, and Federal Regional Council. She has received the Superior Service Award and a Distinguished Service Award from the Department of Health, Education and Welfare.

Mrs. Bernstein was born in Menomonie, Wisc., and earned her Ph.B. and LL.D. at the University of Wisconsin. She is married to Bernard Bernstein. They reside at 34 Elm Ridge Rd., Great Neck, N. Y. They have three daughters: Mrs. Sigmund Balka, of Forest Hills, N. Y.; Miss Kay L. Bernstein, of the home address, and Miss Anne L. Bernstein, of Boston, Mass.

Marguerite S. Chang is a research chemist and inventor whose work has significantly advanced the state-of-the-art of propellant chemistry and technology. Her present research in the Naval Ordnance Systems Command, Department of the Navy, is concerned with developing new missile and rocket propellants, improving propellants in efficiency of operation and personnel safety, and in achieving better quality control in the manufacture of propellants. She presently has eight inventions being processed for patent applications.

Two of Dr. Chang's most important achievements were the development of a family of propellants with increased thermal stability at high temperatures and a superior gas generator used in the firing stage of missile weapons systems. Both have significantly improved the safety of personnel handling the firings and reduced the hazard to expensive weapons.

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Dr. Chang began her Federal career with the Government in 1959 at the Naval Ordnance Station at Indian Head, Md., where she is still employed. From 1949 to 1955, Dr. Chang was employed as a chemist at the Ochner Clinic in New Orleans, where she worked in the research field of biochemistry relating to improvement of public health. She has continued this interest and maintains communication with biochemists at the Walter Reed Medical Center.

Dr. Chang was born in Nanking, China, and came to the United States in 1946 with her husband George K. Chang, who is Assistant Librarian at the Federal Power Commission. She earned her B.S. degree in chemistry at Wu-Han University in China, and her M.S. and Ph.D. degrees in organic chemistry at Tulane University.

Mr. and Mrs. Chang live at 305 Cree Dr., Forest Heights, Md. They have two sons: William G. Chang, 26, an assistant professor of mathematics at Cleveland State University, Cleveland, Ohio, and Samuel M. Chang, 25, of Palo Alto, Calif.

Janet Hart (Mrs. Harry Sylvester) is Assistant Director, Division of Supervision and Regulation, Board of Governors of the Federal Reserve System. A recognized expert in securities credit regulation, a complex and difficult area of regulatory law, Miss Hart is the Board's principal specialist in the securities credit field. She advises the Board on the formulation of policy, on proposed legislation, and in drafting and implementing regulations.

During her career with the Federal Reserve System, which began in 1958 as an Assistant Counsel in the Legal Division, Miss Hart has developed a rare expertise in understanding and implementing security credit regulations, one of the most socially and economically important of the Board's responsibilities. Her work in the improvement of these regulations and in the development of new ones has assured that both borrowers and lenders in the area of security credit meet their responsibilities and that the public interest is protected.

Born in Cincinnati, Ohio, Miss Hart earned her B.A. degree, with honors, at Swarthmore College. She was graduated from the Duke University Law School with an LL.B. degree and was first in her class. She was admitted to the Bar of the Federal District Court for the District of Columbia in 1955. In 1962, Miss Hart became a Senior Attorney with the Federal Reserve System and was named to her present position in 1968.

Miss Hart is married to Harry Sylvester, *a Latin America specialist* ~~now retired from the United States Information Agency~~, and lives at 3330 Upland Ter. NW., Washington, D. C.

Miss Hart is the sister of Dr. Beatrice H. Kuhn, Charleston, W. Va., and Mrs. Charles Fogle of Marietta, Ohio.

Marilyn E. Jacox, a research chemist at the National Bureau of Standards, Department of Commerce, is an internationally recognized researcher in intramolecular phenomena -- specifically ionic interactions. Her pioneering work has enabled scientists to trap these fast-moving particles in concentrations suitable for determining their arrangements and for investigating previously unknown aspects of their behavior. She has also made contributions to the study of planetary atmospheres which have produced valuable information for United States space explorations. Dr. Jacox joined the National Bureau of Standards in 1962, and her work has established the National Bureau of Standards as the world's leading laboratory in the complex study of free radical chemistry.

Born in Utica, N. Y., Dr. Jacox earned her A.B. degree at Syracuse University and Ph.D. at Cornell. A prolific author, she has written or been co-author of numerous outstanding technical articles which have made significant contributions to the science of free radicals and molecular ions.

Dr. Jacox has received the Outstanding Alumnus Award from Utica College, the Washington Academy of Sciences Achievement Award in Physical Science, and the Department of Commerce Gold Medal Award.

She resides at 10203 Kindly Court, Gaithersburg, Md. She is the daughter of Mrs. Grant Jacox, 715 Chestnut Street, Utica, N. Y.

Isabella L. Karle is a research physicist with the Department of the Navy responsible for initiating and executing new research into the basic structure of matter. Employed at the Laboratory for Structure of Matter, Naval Research Laboratory, in Washington, D. C., she is engaged in determining the atomic and molecular arrangements in complex materials, particularly those of biological importance. Dr. Karle's entire Government career, which began in 1946, has been with the Naval Research Laboratory.

One of Dr. Karle's major contributions to the world of science is her discovery of a new method to determine the structure of crystalline materials -- the Symbolic Addition Procedure. Her method uses x-ray diffraction and has revolutionized the field of structure determination by substituting an accurate, fast, and simple procedure for time-consuming trial and error methods. Her research method has been applied in investigations of the structure of new and exotic drugs, anti-radiation drugs and the nature of radiation damage, and blood-pressure depressants. By using her new method, she recently discovered atomic arrangements in frog toxins which are now recognized to be unique chemical groupings never before found in molecules from any animal.

Dr. Karle was born in Detroit, Mich., and received her B.S. and M.S. degrees, as well as her Ph.D., which she earned at the age of 22, from the University of Michigan. She is a member of Phi Beta Kappa, Phi Kappa Phi, and Sigma Xi. During her employment with the Federal Government, she has received the Navy Superior Civilian Service Award, the NRL Scientific Research Society

of America Applied Science Award, the Society of Women Engineers Annual Achievement Award, and the Hillebrand Award of the American Chemical Society.

Dr. Karle is married to Dr. Jerome Karle, who is also employed at the Naval Research Laboratory. They reside at 6304 Lakeview Dr., Falls Church, Va. They have three children: Mrs. Jonathan Hanson, a graduate student at the University of Washington, Seattle; Miss Jean Marianne Karle, a graduate student at Duke University, Durham, N. C.; and Miss Diane Karle of the home address.

Dr. Karle is the daughter of Mrs. Zygmunt Lugoski of Sterling Heights, Mich.

Marjorie Rhodes Townsend, an electronics engineer, is the only woman to manage a United States satellite program. Employed at the Goddard Space Flight Center, National Aeronautics and Space Administration, since 1959, she is the project manager of the Small Astronomy Satellite program. This project involved the first U. S. Satellite to be launched by a foreign country (Italy), the first orbiting X-ray satellite, and the first such satellite to be devoted exclusively to the study of X-rays in galactic and intergalactic space. It has provided the first complete picture of the sky in X-rays resulting in a major advance in astronomy.

Mrs. Townsend began her Federal career with the National Bureau of Standards, Department of Commerce, in 1948 as a physical science aid. In 1951 she moved to the Naval Research Laboratory, Department of the Navy, where as an electronic scientist she performed basic and applied sonar research. She also developed instrumentation for the classification of underwater targets in submarine warfare.

Mrs. Townsend transferred to the Goddard Space Flight Center in 1959. Working in the Systems Division, she developed a wide variety of electronic instrumentation for spacecraft, including the TIROS series and the Nimbus and Orbiting Geophysical Observatory Spacecraft. Mrs. Townsend was appointed to her present position in 1966.

Born in Washington, D. C., Mrs. Townsend received her B.E.E. degree from George Washington University, the first engineering degree to be awarded by that school to a woman. During her career with the Goddard Space Flight Center, Mrs. Townsend has received the TIROS Group Achievement Award, Nimbus III Group Achievement Award, and the NASA Medal for Exceptional Service. She was recently made a Knight of the Italian Republic Order by the Italian Government for her contributions to U.S.-Italian space efforts.

Mrs. Townsend is married to Dr. Charles E. Townsend, who is an obstetrician. They live at 3529 Tilden St., Washington, D. C. They have four sons: Charles E. Jr., 20, and Lewis R., 19, both students at George Washington University; John C., 18, a student at the University of Florida; and Richard L., 14, of the home address.

JUDGES FOR THE 1973 FEDERAL WOMAN'S AWARD

Dr. Philip A. Abelson, President, Carnegie Institution of Washington, and editor of Science journal. Author of numerous technical papers and contributor to scientific anthologies, Dr. Abelson has been associated with the Carnegie Institution of Washington since 1939.

Hon. Martha W. Griffiths, Member of the United States House of Representatives. Congresswoman Griffiths has represented the 17th Congressional District of Michigan since 1955. She has also served in the Michigan State Legislature, was judge and recorder of the Detroit Recorder's Court in 1953, and was a member of the Detroit Election Commission.

Mrs. Mary D. Janney, President, Washington Opportunities for Women, Inc., Washington, D.C. Mrs. Janney served in a number of government positions and taught American history and literature before founding Washington Opportunities for Women in 1963.

Mr. John H. Johnson, Founder and President, Johnson Publishing Company, Inc., and publisher and editor of Ebony, Black Stars, and Black World magazines. Mr. Johnson has been active in numerous business and community organizations, has served as special Ambassador under Presidents Kennedy and Johnson, and is also President of the Supreme Life Insurance Company of America.

Mrs. Mary G. Roebling, Chairman of the Board, the National State Bank, Trenton, N. J. Long noted for her community, civic, and national activities, Mrs. Roebling established a precedent as the first woman to serve as chief executive officer of a major banking institution, as a member of the New Jersey State Investment Council, and as a Governor of the American Stock Exchange.

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